

10 556

US-4
US-5

TAKAGI, KOKICHI

Method of co-deposition of titanium and iron group metals

(Trans. of Japanese patent, Appl. No. Sho-27-20205, appl.
20 Dec 52, provisional No. Sho-31-3110, announced
26 Apr 56, by Takagi Iron Works Ltd., Sakai City)

\$ 1.80 (ph), \$ 1.80 (mf), 60-15620 - English

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SLL Ref: 7022.065 (2573)

M. TAKAGI

Encl. 100h Edgr
AGE 68

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S.L.A. Tr

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Vol 2, No 10

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O. Takagi,
JAPANESE, per, Yosetsu Gakkaishi, Vol XXXI,
No 10, 1962, pp 821-833.
ALL 6130.598 1966 (1567)

O. Takagi

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Notch Toughness of Deposited Metal in Automatic
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Vol XXII, No 10, 1962, pp 821-833. 9251313
NSTIC tr No 1567

(TMS 1322)

NSTIC 04787/66

O ~~Reg~~ Takagi

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METHOD FOR THE MANUFACTURE OF HOLLOW
ACETATE ARTIFICIAL FIBERS. [1963] 4p.
Order from ATS \$8.00 ATS-80Q69]

Trans. of Japanese [published] patent 814 (1952) appl.
filed 29 May 50, pat. appl. 6951, by Shin Nippon
Chisso Hiryo (New Japan Nitrogen Fertilizers) Co.,
Ltd., Osaka, pub. 7 Mar 51.

DESCRIPTORS: *Fibers (Synthetic), *Textiles,
*Acetates, Manufacturing methods.

(Materials--Textiles, TT, v. 10, no. 6)

63-17749

- I. Takagi, R.
- II. Uchiyama, H.
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pub. 27-814
- IV. ATS-80Q69]
- V. Associated Technical
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East Orange, N.J.

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Office of Technical Services

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I. Heating Curves of Sodium Formate and Its Products, by S. Takagi, 9 pp.

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SLA 69-16928

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Mar 64

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Synthesis and Structure of Dodecylbenzene,
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of Rabbits Exposed by X-Irradiation, by Haruko
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Studies on the Polymerization of Ethylene. Part 2.
Synthesis of 1-butene from Ethylene by Dimeriza-
tion, by A. Takahashi.

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Potassium Persulphate-Sodium Bisulphite Potassium
Thiocyanate Redox System Polymerization, Rpt 10,
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Means of Sodium Chlorite, by Hisamu
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SLA 60-18389

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ID 2220015263

FE - China
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PREPARATION METHOD FOR MOISTURE-PROOF
CELLOPHANE WHOSE PRINCIPAL RESIN OF THE
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Showa (1960) - 40320, appl. 6 Oct 60, by Tokyo Serofan-
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DESCRIPTORS: *Plastic films, *Moistureproofing.
*Moisture resistance, *Varnishes, Molecular struc-
ture, Organic solvents, Vinyl radicals.

A preparation method for moistureproof cellophane in
which a crosslinked structure is formed, character-
ized by the fact that, when preparing moisture-proof
(Materials--Plastics, TT, v. 10, no. 10) (over)

63-18907

- I. Takahashi, G.
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formed from Urea Applied Under Upland and
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E. Takahashi

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Clinical Application of Tespamine (Tri-Ethylene-thiophosphoramide, Thio-Tepa) Especially, Influences of Cobaltgreenpole and Adrenocortical Steroid on the Leucopenia Induced by the Administration of Thio-Tepa by H. Takahashi, 18 pp.

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AF 1122165 51,970

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Hiroshi Takahashi

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Sci 1 M/64
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EFFECT OF CHEMICAL STRUCTURE OF CATIONIC
SURFACE-ACTIVE AGENTS (ALKYL-AMINE SALTS)
ON THE FRICTIONAL COEFFICIENT OF TERY-
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Finishing Agents. [1961] 12p. 3 refs.
Order from RIS \$25.00

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Trans. of Tex[tile] Mach[inery] Soc[iety] of Japan.
[Journal] 1960, v. 13, no. 6, p. 53-58.

(Materials--Textiles, TT, v. 5, no. 11)

61-22193

1. Surface-active agents--
Physical effects
2. Synthetic fibers--Surface
properties
3. Textiles--Processing
 - I. Takahashi, K.
 - II. Koshimura, M.
- III. Title: Frictional...
- IV. RIS C-144
- V. Research Information
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Office of Technical Services

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Studies of the Agmatine-Like Amine in the Urine
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ATS-56M38J

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An Agmatine-Like Amine Discovered in the Urine
of Patients With Hepato-Cerebral Diseases of
the Inose type, by K. Takahashi, H. Enomoto,
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ATS-55M38J

Sci -
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Physical Properties of the Ascites in Ascites Tumor,
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Fr - Japan
Economic - National economy, foreign trade
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Subsequent Developments, by Teiso Esaki, Keizo
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A Semi-micro Method of Determining Arsenic
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1961, pp 10-43. 9238401
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Kenji Tsubura

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Syntheses of Diarylarsinous Acids, by Kiyoshi Takahashi,
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RELATIONSHIP BETWEEN CHEMICAL STRUCTURE OF CATIONIC SURFACE-ACTIVE AGENTS AND FRICTIONAL COEFFICIENT IN THE CASE OF TERYLENE FIBERS (ON ALIPHATIC LONG-CHAINED AMINE SALTS). Rept. no. 1 of the Studies on the Frictional Coefficients of Textile Oil (Finishing) Agents. [1962] [17]p. 3 r. 1a.

Order from SLA \$1.50

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Trans. of Textile Machinery Society [of Japan]. Journal, 1960, v. 13, no. 6, p. 435-440.

Another trans. is available from RIS \$25.00 as RIS C-144 [1961] 12p.

DESCRIPTORS: *Synthetic fibers, *Amines, Salts, Phthalic acids, *Finishes, *Oils, Friction, Surface-active substances.

(Materials--Textiles, TT, v. 9, no. 4)

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62-1490

- I. Title: Terylene
- I. Takahashi, K.
- II. Koshimura, M.

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Filaments, by M. Takahashi.

JAPANESE, per, Kobunshi Kagaku (Japan), 1958, p381-8
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M. Takahashi

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Dry Spinning. 1. Investigations of Spinning
Conditions, by M. Takahashi, M. Watanabe,
23 pp.

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ATS-00W45J

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Jul 62

Vol 4, No 12

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I. Misugi, M. Takahashi.
JAPANESE, Patent Publ SHO 43-6 38.
NTC 69-10601-07A

M. Takahashi

Sci-Chen
July 63

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Takahashi, Machida, and Yamada.
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SUBMERGED MOLD CULTURES, PTS. 4-5
(SUMMARIES). [1961] 2p.
Order from SLA \$1. 10

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Partial trans. of [Nihon Nogei-kagakkai Shi] (Japan)
1960, v. 34, p. 440-[447].

DESCRIPTORS: *Molds, *Culture media, Viscosity,
Growth, Sucrose, Serum amylase.

Contents:
Effects of culture fluid viscosity on mycelial forms
of molds
Effects of culture fluid viscosity on the growth and
amylase production of Asp. Niger.

(Biological Sciences--Botany, TT, v. 8, no. 3)

61-20729

I. Takahashi
II. Machida
III. Yamada

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Takahashi, Masao.
STUDIES ON ACRYLIC FIBER. XXVI. EFFECTS OF
SPINNING CONDITIONS ON THE FINE STRUCTURE
OF FILAMENTS. [1961] 10p. 4 refs.
Order from SA \$15.00 SA Code-66

Trans. of Kōbunshi Kagaku (Japan) 1961, v. 18,
no. 191, p. 163-168.

DESCRIPTORS: *Acrylonitriles, *Synthetic fibers,
Fibers, Processing, Porosity, Coagulation, Filaments,
Electron, Microscopy, Microstructure.

(Materials--Textiles, IT, v. 7, no. 5)

62-12408

I. Takahashi, M.
II. Title: Effects...
III. SA Code-66
IV. Seizaburo Aoki (Japan)

1950??

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Takahashi, Masao.
SOLUBILITY OF ACRYLONITRILE POLYMER IN
ACETONITRILE SYSTEM MIXED SOLVENTS (MIXED
SOLVENTS CONTAINING ACETONITRILE AS A COM-
PONENT). Rept. 36 of Studies on Acrylic Fiber.
[1962] 7p. 13 refs.
Order from SLA \$1.10

62-14969

Trans. of Kogyo Kagaku Zasshi (Japan) 1961, v. 64,
no. 6, p. 1132-1134.

DESCRIPTORS: *Synthetic fibers, *Acrylonitriles, Sol-
ubility, Organic solvents, *Acetonitriles, Methyl rad-
icals, Formamides, Sulfoxides.

A system prepared by mixing 20 vol% of acetonitrile
with nitromethane forms a semi-transparent unstable
solution. A system prepared by mixing 20~60 vol% of
acetonitrile with malononitrile forms a stable solution.
When acetonitrile is added to dimethylsulfoxide, the dis-
(Materials--Textiles, TT, v. 9, no. 2) (over)

62-14969

I. Takahashi, M.
II. Title: Mixed ...
III. Title: Studies ...

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Takahashi, Masao.
INVESTIGATION OF THE SIGNIFICANCE OF AL-
COHOL SYSTEM SPINNING BATHS IN THE WET SPIN-
NING OF ACRYLONITRILE FIBER (COMPARISON OF
VARIOUS ALCOHOLS FOR THE COAGULATING BATH
IN WET SPINNING). Rept. 25 of Studies on Acrylic
Fiber. [1962] 8p. 1 ref.
Order from SLA \$4.10

62-14968

Trans. of Kogyo Kagaku Zasshi (Japan) 1961, v. 64,
no. 6, p. 1130-1132.

DESCRIPTORS: *Synthetic fibers, *Acrylonitriles,
Manufacturing methods, *Alcohols, Coagulation, Or-
ganic solvents, Methyl radicals, Formamides,
Sulfoxides.

States of fiber formation when concentrated dimethyl
formamide or dimethyl sulfoxide solutions of acryloni-
(Materials--Textiles, TT, v. 9, no. 2) (over)

62-14968

- I. Takahashi, M.
- II. Title: Comparison ...
- III. Title: Studies ...

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Takahashi, Masao and Watanabe, Masamoto.
EFFECTS OF THE TEMPERATURE OF COAGU-
LATION BATH ON THE WET-SPINNING OF DIM-
ETHYL FORMAMIDE-GLYCERIN SYSTEM. Rept.
no. 8 of Studies on Acrylic Fiber. [1961] 19p. 20 refs.
Order from SLA \$1.60 61-16525

Trans. of Sen-i Gakkaishi (Japan) 1960, v. 16, no. 1,
p. 7-15.

DESCRIPTORS: Formamides, Glycerol, *Acryloni-
triles, Synthetic fibers, Processing, Temperature,
Coagulation.

Results were obtained for the influence of the coagu-
lating bath temperature on wet spinning of acryloni-
trile copolymers. The maximum spinning velocity in-
creased as the bath temperature increased and as the
extrusion parameter and solution viscosity decreased.
(Materials--Textiles, TT, v. 6, no. 9) (over)

61-16525

- I. Title: Spinning
- I. Takahashi, M.
- II. Watanabe, M.
- III. Title: Studies...

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Takahashi, Masao and Watanabe, Masamoto.
RELATIONS BETWEEN VARIOUS SPINNING CONDI-
TIONS AND MECHANICAL PROPERTIES OF DRAWN
FILAMENTS OBTAINED BY THE WET-SPINNING OF
DIMETHYL FORMAMIDE-GLYCERIN SYSTEM. Rept.
no. 9 of Studies on Acrylic Fiber. [1961] 9p.
Order from SLA \$1.10

61-16524

Trans. of Sen-i Gakkaishi (Japan) 1960, v. 16, no. 1,
p. 15-20.

DESCRIPTORS: Formamides, Methyl radicals, Glyc-
erols, *Synthetic fibers, Mechanical properties, Tex-
tiles, *Acrylic resins, Polymers, Processing.

The relations between various spinning conditions and
the strength and elongation of the drawn yarns and their
photomicrographs, by wet-spinning of the continuous
spinning and drawing system, using DMF as solvent and
(Materials--Textiles, TT, v. 6, no. 9) (over)

61-16524

- I. Title: Spinning
- I. Takahashi, M.
- II. Watanabe, M.

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Takahashi, M[asao].
FILAMENT FORMATION IN A SOLVENT-WATER
TYPE COAGULATION BATH [AND] SOME ASPECTS
OF THE SPINNABILITY IN A SPINNING BATH
HAVING THE CRITICAL COMPOSITION. Repts. 20-21
on Studies of Acrylic Fibers. [1961] 14p.
Order from ATS \$19. 40 ATS-79N53]

Trans. of Sen-i Gakkaishi (Japan) 1961, v. 17, no. 3,
p. 243-252.

DESCRIPTORS: *Synthetic fibers, Production,
Coagulation.

(Materials--Textiles, TT, v. 6, no. 9)

61-25334

- I. Takahashi, M.
- II. Title: Some...
- III. Title: Studies
- IV. ATS-79N53]
- V. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

Takahaashi, Masao.
SOME MELT SPINNING CONDITIONS. [Rept. no.] 5
of Studies on the Manufacture of Polyethylene Fiber.
[1961] 14p. 3 refs.
Order from SLA \$1.60

61-16571

Trans. of [Sen-i Gakkaishi] (Japan) 1959, v. 15, no. 4,
p. 254-259.

DESCRIPTORS: *Synthetic fibers, Production, *Ethyl-
enes, Polymers, Fibers, Textiles.

By using the "candle" melt spinning apparatus, the
effects of various spinning conditions upon the state of
spinning were studied. At excessively high tempera-
tures, the upper limit of the draft (where the spinning
is satisfactory) became smaller due to the thermal
degradation of the sample. The smaller the average
molecular weight (M_n), the lower was the temperature
at which the upper limit of draft (at high temperatures)
started to decline and the greater was the draft at low
(Materials--Textiles, TT, v. 6, no. 5) (over)

61-16571

- I. Title: Spinning
- I. Takahaashi, M.
- II. Title: Studies...

Office of Technical Services

Takahashi, Masao.
STUDIES ON ACRYLIC FIBER. XXVI. EFFECTS OF
SPINNING CONDITIONS ON THE FINE STRUCTURE
OF FILAMENTS. [1961] 10p. 4 refs.
Order from SA \$15.00 SA Code-66

Trans. of Kōbunshi Kagaku (Japan) 1961, v. 18,
no. 191, p. 163-168.

DESCRIPTORS: *Acrylonitriles, *Synthetic fibers,
Fibers, Processing, Porosity, Coagulation, Filaments,
Electron, Microscopy, Microstructure.

(Materials--Textiles, JF, v. 7, no. 5)

62-12408

- I. Takahashi, M.
- II. Title: Effects...
- III. SA Code-66
- IV. Seizaburo Aoki (Japan)

1950

Office of Technical Services

Takahashi, Masao.
RELATION BETWEEN SOME SPINNING CONDITIONS
AND PROPERTIES OF UNDRAWN FILAMENTS. Rept.
no. 7 of Studies on the Manufacture of Polyethylene
Fiber. [1961] [17]p. 4 refs.
Order from SLA \$1.60

61-16569

Trans. of Sen-i Gakkaishi (Japan) 1959, v. 15, no. 5,
p. 368-372.

DESCRIPTORS: *Synthetic fibers, Production, Physical
properties, *Ethylene, Polymers, Fibers, Textiles.

The effects of the various melt spinning conditions such
as linear velocity in capillary, draft (or winding speed),
cooling path distance and temperature of chilled bath on
some properties of undrawn filaments were investi-
gated. The increase of linear velocity in capillary and
draft produces orientation of molecular chains which
results in the indistinctness of yield point, an increase
of tensile strength and a decrease of elongation of the
(Materials--Textiles, TT, v. 6, no. 5) (over)

61-16569

1. Title: Spinning
- I. Takahashi, M.
- II. Title: Studies...

Office of Technical Services

Takahashi, Masao and Watanabe, Masamoto.
RELATION BETWEEN COAGULATING FORCES OF
SPINNING BATHS AND PROPERTIES OF FIBERS.
Rept. no. 7 of Studies on Acrylic Fiber. [1961] 15p.
Order from SLA \$1.60 61-16517

Trans. of Sen-i Gakkaiishi (Japan) 1959, v. 15, no. 12,
p. 951-959.
Another translation is available from SLA at \$2.40,
pb \$3.30 as 60-18433 [1960] 15p.

DESCRIPTORS: *Synthetic fibers, Coagulation,
Production

For abstract see Technical Translations 4: 632, 1960.

See also 61-16524, 61-16582, 61-16583

(Materials--Textiles, TT, v. 6, no. 6)

61-16517

I. Takahashi, M.
II. Watanabe, M.
III. Title: Studies...

Office of Technical Services

Takahashi, Masao, Watanabe, Masamoto, and
Kinoshita, Yukio.

EFFECTS OF DRAWING ON THE PHYSICAL PROPERTIES AND ORIENTATION OF ACRYLIC FIBERS.
Rept. no. 5 of Studies on Acrylic Fibers. [1960] 18p.
4 refs.

Order from SLA mi\$2. 40, ph\$3. 30 60-18129

Trans. of Kobunshi Kagaku (Japan) 1959, v. 16,
no. 176, p. 713-719.

Undrawn acrylic fibers spun in glycerin bath and in ethylene glycol bath were drawn, and studies were made of the changes of strength, elongation, and density by drawing; of the degree of orientation and lateral order by X-rays, and of the cross-sectional shape by the microscope. The density of an undrawn filament which was spun in an ethylene glycol bath was extremely small. Although the density increased by drawing, the degree of this increase was small when drawn to over 4 times. The density of an undrawn filament (Materials--Textiles, TT, v. 5, no. 3) (over)

60-18129

1. Synthetic fibers--
Physical properties
2. Synthetic fibers--
Processing
1. Takahashi, M.
- II. Watanabe, M.
- III. Kinoshita, Y.
- IV. Title: Studies...

Office of Technical Services

Immunologic Studies of Nucleoprotein Fractions of
Ehrlich Carcinoma Cells, by Michiaki Takahashi,
Nobuko Ikegami, Susumu Kaneyama, Juntaro Kamahara,
6 pp.

JAPANESE, per, Gann, Vol XLVIII, No 4, Dec 1957,
pp 331, 332.

Sci - Medicine
Aug 59

NIH 7-10

MS 59-16656
SLA. 59-16656

93, 124

Takahashi, Masao.
SOLUTION TEMPERATURE OF VARIOUS MIXED
SOLVENTS TOWARD ACRYLONITRILE POLYMER.
Rept. no. 37 of studies on Acrylic Fiber. [1962] 10p.
20 refs.
Order from SLA \$1.10 62-14965

Trans. of Kogyo Kagaku Zasshi (Japan) 1961, v. 64,
no. 6, p. 1134-1136.

DESCRIPTIONS: Polymers, *Acrylonitriles, Organic
solvents, Mixtures, *Methanes, Nitro radicals, *Forma-
mides, Methyl radicals, Nitriles, Maleic anhydride,
Succinic anhydrides, Pyrrolidinone, Sulfoxides, DNP,
Nitrophenols, Acetones.

Polymer solutions which are stable at normal tempera-
ture are formed by the addition of about 20 vol% of
malononitrile or dimethyl sulfoxide to nitromethane.
Compounds which demonstrate some slight interaction
(Materials--Plastics, TT, v. 9, no. 4) (over)

62-14965

I. Takahashi, M.

C227660

Office of Technical Services

Takahashi, Masao.

MODEL-WISE OBSERVATION OF DESOLVATION IN
THE SPINNING BATH. Rept. 35 of Studies on Acrylic
Fiber, [1962] 8p. 1 ref.
Order from SLA \$1.10

62-18036

Trans. of Kobunshi Kagaku (Japan) 1961, v. 18,
no. 198, p. 605-608.

DESCRIPTORS: *Acrylonitriles, *Synthetic fibers,
Fibers, Processing, Filaments.

The desolvation process of formed filaments in solvent-
water system spinning bath was observed. The compo-
sition of the swelling liquid changed gradually and ap-
proached the composition of the steeping bath. The ap-
parent diffusion coefficient of desolvation at this time,
 k_g , was sensitive to the coagulant structure, and it
was possible to evaluate the coagulation process and
the structure of the filaments from this value. The
(Materials--Textiles, TT, v. 8, no. 8) (over)

62-18036

I. Title: Spinning
I. Takahashi, M.
II. Title: Studies ...

C223235

Office of Technical Services

Takahashi, Masao, Shinohara, Yasuo, and Watanabe,
Masamoto.

CROSSLINKING OF POLYACRYLONITRILE FIBER BY
IRRADIATION WITH ELECTRON RAYS. Rept. no. 6
of Studies on Acrylic Fibers. [1960] 13p. 7 refs.
Order from SLA ml\$2.40, ph\$3.30 60-18130

Trans. of Kobunshi Kagaku (Japan) 1959, v. 16, no. 176,
p. 720-723.

The effects of irradiation by high speed electrons in-
duced from "Van de Graaff" on the swelling properties
of polyacrylonitrile monofilaments were investigated.
The experimental relationship between sol fraction and
radiation dose shows good agreement with that re-
quired by A. Charlesby's theory (J. Polymer Sci. 11:
513, 1953). The ratio of degradation to crosslinking
occurring by irradiation was about 40%. The crosslink-
ing index per monomer unit was 2.32×10^{-8} per 1
Mrad. The swelling properties of the crosslinked poly-
acrylonitrile were also studied as a function of cross-
(Materials--Textiles, TT, v. 5, no. 3) (over)

60-18130

1. Synthetic fibers--
Processing
2. Synthetic fibers--Effects
of radiation
 - I. Takahashi, M.
 - II. Shinohara, Y.
 - III. Watanabe, M.
 - IV. Title: Studies...

Office of Technical Services

Formation of Cu_2O and ZnO Single Crystals by Selective
Oxidation of an α -Brass Film, prepared by Vacuum
Evaporation, by N. Takahashi, J. J. Trillat, 7 pp.

GERMAN, per, Acta Metallurgica, Vol IV, No 2, March
1956, pp 201-205.

Sci - Minerals/Metals
Sep 57

SLA Tr 57-551
ATS-477-FJ
54, 013

On the Order Plecostei Established by Dr. Kishinouye,
by Misuka Takahashi, 15 pp.

Full translation.

JAPANESE, per, Dobutsugaku Zasshi, Vol XXXVI, No 432,
Oct 1924, pp 397-408.

S.L.A.

Scientific - Biological

27,229

Aug 55

Petrographical Study of Japanese Coals
by Microscopic Method With CH_2Cl_2 as
Immersion Fluid, by E. Stach, R
Takahashi.

JAPANESE, per, Fuel Society of Japan
Journal, Vol XXXVII, No 374, 1958,
pp 351-360.

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Sci - Fuels
Jul 62

60
Study on Catalytic Properties of
Camphor. Part 1. Catalytic Activity
of Camphor in Case of Chlorination of
Organic Compounds by Elemental Chlorine
by T. Takahashi, M. Noda.
JAPANESE, per, Gifu Norin Senmon Gakko
Gakujutsu Hokoku, No 68, 1950, pp. 109-8
NTC 69-10652-07C

T. Takahashi

Sci-Chem
July 69

386,703

Takahashi, T. and Yoshida, T.
RECIPROCAL ACTION OF AMMONIA-NITROGEN,
NITRATE-NITROGEN, Cl AND SO₄. Pt. 6 of Re-
ciprocal Action of Ions Related to Nutrition of
Tobacco. [1962] 12p.
Order from K-H \$15.00 K-H 11128-b

Trans. of Nihon Dojo Hiriyogaku Zasshi (Japan) 1957,
v. 28, p. 181-184.

DESCRIPTORS: *Tobacco, Nutrition, *Ammonia,
*Nitrogen, Nitrates, *Sulfates, *Chlorine.

(Agriculture--Plant Cultivation, TT, v. 8, no. 10)

62-17648

- I. Takahashi, T.
- II. Yoshida, T.
- III. Title: Reciprocal ...
- IV. K-H-11128-b
- V. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

C226308

Office of Technical Services

83
Characteristics of High Temperature Type Solid
Electrolyte Fuel Cells Employing $\text{CaO} - \text{La}_2\text{O}_3$
System Solid Solutions, by T. Takahashi,
K. Ito, H. Imura, 17 pp.
JAPANESE, per, Daiichi Kagaku, Vol 34, 1956,
pp 205-209. F911191387
ABC HP-Tr-1526

T. Takahashi

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Sci - Electronics
Jan 67

Phosphor Sensitization of Zinc Oxide. Part I. 105
by T. Takahashi, G. Shishido.
JAPANESE, per, Denshi Shashin, Vol 2, No 1,
1960, pp19-23.
HTC-69-15745-14E

T. Takahashi

Sci-Meth & Equip
Feb 70

402,918

Formation of Cl_2 by the Oxidation of NaCl ,
Pyrite and SO_2 , by K. Sugiyama, T. Takahashi. 67
JAPANESE, per: Kogyo Kagaku Zasshi,
Vol LXVI, No 12, 1963, pp 1775-1777.
Chem Trans Sv No 2564

T. Takahashi

Sci-Chem
Mar 67

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Indirect Coulometric Titration of Reducible ~~of~~
Organic Compounds by Produced Ceric Ion, by Takeo
Takahashi, Hiroshi Sakurai, 15 pp.

JAPANESE, per, Kogyo Kagaku Zasshi, Vol LXIII,
1960, pp 608-611.

ABC UCRL-Trans-635(L)

Sci - Chem
May 61

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Observations on the Aquatic Cockroach, by
Ryichi Takahashi, UNCLASSIFIED, 4 pp.
Full translation.

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JAPANESE, no per, Dobutsugaku Zasshi, No 38, 1926.

ID OSUSA P-9758

FE - Japan

Scientific - Biology

10034

also QMT 430

Photomicrographs of Japanese Coals Under
Di-Iodomethane Immersion, by R. Takahashi.

GERMAN, per, Brennstoff-Chemie, Vol XXXIX,
1958, pp 225-230.

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Sci - Fuels

207,423

Habits and Nymph of *Phyllodromia Humbertiana* de Sauss,
by Ryichi Takahashi, 5 pp. UNCLASSIFIED

Full translation.

JAPANESE, from Natural History Society of Formosa,
No 30, 1940.

ID GSUSA F-9759

FE - Japan

Scientific - Biology, phyllodromia

Feb 53 CTS/DEX

A 11781

Life History of Blattidae, by Ryoichi Takahashi,
21 pp. UNCLASSIFIED

JAPANESE, per, Dobutsugaku Zasshi, Vol XXXVI, No 427,
1924.

QMT Tr 497

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Scientific - Biology
CTS/DEX

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STUDIES ON HeLa CELL INHIBITORY SUBSTANCES PRODUCED
BY EUMYCETE, BY S. TAKAHASHI, 13 PP.

JAPANESE, PER, J. ANTIBIOTICS, SER B., VOL XIV, NO 2,
1961, PP 49-56.

NIH 6-57-62

SCI - MED

208,793

AUG 62

Transistorized Electronic Computer ETL Mark III,
by S. Takahashi, H. Nishino, I. Matsuzaki, K. Kondo.
UNCLASSIFIED

JAPANESE, per, Denki Tsushin Gakkai Zasshi, Jun 1957.

USASIA Tr 972X

Sci - Electron

Feb 658

59,238

The Chemical Action of a High-Frequency Electric Discharge. Part 6. Formation of Hydrogen Cyanide by the Reaction of Methane, Nitrogen, and Ammonia, by S. Miyazaki, S. Takahashi.

JAPANESE, per, J. Chem Soc Japan, Pure Chem Sect, Vol LXXIX, No 1, 1958, pp 17-21.

ATS-69K24J
JJ-1621

Sci - *chem*
Jul 59

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Chemical Reactions in a High-Frequency Electric
Discharge, Part 8, Formation of Hydrogen Cyanide
From Methane and Ammonia, by S. Miyazaki, S.
Takahashi,

JAPANESE, per, J.Chem Soc Japan, Pure Chem Sect,
Vol LXXIX, No 2, 1958, pp 135-137.

ATS JJ-1623

Sci - *chem*
Jul 59

90, 448

The Chemical Action of a High-Frequency Electric Discharge, Part 7. Reaction Between Methane and Nitrogen Induced by a Nonpolar Discharge, by S. Miyazaki, S. Takahashi,

JAPANESE, per, J Chem Soc Japan, Pure Chem Sect, Vol LXXIX, No 1, 1958, pp 21-26.

ATS-69K24J
ATS JJ-1622

Sci - *chem*
Jul 59

90, 449

Chemical Reactions in a High-Frequency Electric
Discharge, Part 9, Formation of Hydrogen Cyanide
by the Reaction of Methane, Nitrogen and Hydrogen,
by S. Miyazaki, S. Takahashi,

JAPANESE, per, J Chem Soc Japan, Pure Chem Sect,
Vol LXXIX, No 2, 1958, pp 138-142.

ATS JJ-1624

Sci - *chem*
Jul 59

90, 450

On Decomposition of Hydrogen Cyanide by High
Frequency Discharge (Report 1-2), by Saku Takahashi,
21 pp.

JAPANESE, per, Chemical Society of Japan Journal,
Pure Chemistry Section; Vol LXXXI, 1960, pp 1637-1642.
9097885

AEC SCL-T-394

Sci - Chem
Apr 62

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